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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT'S</b> (Form PTO-1449)		<b>Complete if Known</b>	
		Application Number	TBA (371 of PCT/EP04/000093)
		Filing Date:	July 28, 2005 (International Filing Date January 9, 2004)
		First Named Inventor	Marc HUSEMANN
		Art Unit	TBA
		Examiner Name:	TBA
Sheet 1	of 5	Attorney Docket Number:	101769-325-WCG

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup>	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US - 4,380,956	04-26-1983	Elworthy	
		US -4,574,697	03-11-1986	Feeley	
		US -4,574,712	03-11-1986	David	
		US -4,574,697	03-11-86	Feeley	
		US -3,983,287	09-28-1976	Goossen, et al.	
		US -5,613,942	03-25-1997	Lucast, et al.	

## FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup>	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		DE 100 30 217	01-03-2002	Husemann, et al.		*1
		DE 100 36 804	02-07-2002	Husemann, et al.		*2
		DE 101 29 730	01-02-2003	Runge, et al.		*3
		DE 101 53 677	05-15-2003	Schumann, et al.		*4
		DE 199 49 352	04-20-2000	Nesvadba, et al.		*5
		DE 43 40 297	06-01-1995	Gleichenhagen, et al.		*6
		DE 692 14 164	07-08-1993	Everaerts, et al.		*7

## NON PATENT LITERATURE DOCUMENTS

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		T.G. Fox, Bull. Am. Phys. Soc. 1 (1956) 123	
		Houben Weyl, Methoden der Organischen Chemie, Vol. E 19a, pp. 60 - 147	

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Application Number	TBA (371 of PCT/EP04/000093)
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First Named Inventor	Marc HUSEMANN
Art Unit	TBA
Examiner Name:	TBA
Attorney Docket Number:	101769-325-WCG

Sheet 2

of 5

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		US -5,476,712	12-19-1995	Hartman, et al.	
		US -4,581,429	04-08-1986	Solomon, et al.	
		US -5,945,491	08-31-1999	Matyjaszewski, et al.	
		US -5,854,364	12-29-1998	Senninger, et al.	
		US -5,789,487	08-04-1998	Matyjaszewski, et al.	

## **FOREIGN PATENT DOCUMENTS**

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		EP 0 206 760	12-30-1986	Zenk, et al		
		EP 0 655 490	05-31-1995	Gleichenhagen, et al		*8
		EP 0 735 052	10-02-1996	Odell, et al		*9
		EP 0 824 110	08-12-1996	Lecomte, et al		*10
		EP 0 824 111	02-18-1998	Senninger		*11
		EP 0 826 698	03-04-1998	Senniger		*7
		EP 0 841 346	06-13-1998	Dubois, et al.		*12

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		Fouassier: "Photoinitiation, Photopolymerization and Photocuring: Fundamentals and Applications", Hanser-Verlag, Munich 1995	
		Carroy et al. in "Chemistry and Technology of UV and EB Formulation for Coatings, Inks and Paints", Oldring (ed.), 1994, SITA, London	
		Skelhorne, Electron Beam Processing, in Chemistry and Technology of UV and EB Formulation for Coatings, Inks and Paints, Vol. 1, 1991, SITA, London	

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/Frank Ducheneaux/

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First Named Inventor: **Marc HUSEMANN**

Art Unit: **TBA**

Examiner Name: **TBA**

Attorney Docket Number: **101769-325-WCG**

Sheet 3

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		US -6,765,078	07-20-2004	Husemann, et al.	
		US -2003/190467	10-09-2003	Husemann, et al.	
		US -2003/012945	01-16-2003	Runge, et al.	
		US -2003/113533	06-19-2003	Husemann, et al.	
		US -6,479,608	11-12-02	Nesvadba, et al.	
		US -5,489,642	02-06-1996	Gleichenhagen, et al.	

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		EP 0 850 957	07-01-1998	Senninger, et al.		*13
		EP 1 188 802	03-20-2002	Spada, et al.		*14
		EP 1 302 521	04-16-2003	Husemann, et al.		*7
		GB 1,533,431	11-22-1978	Minnesota Mining		
		WO 03/057497	07-17-2003	Blank, et al.		*15
		WO 2004/050784	06-17-2004	Husemann, et al.		*16
		WO 96/24620	08-15-1996	Grimaldi, et al.		*17

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		US -5,608,023	03-04-1997	Odell, et al.	
		US -5,767,210	06-16-1998	Lecomte, et al.	
		US -6,114,482	09-05-2000	Senninger, et al.	
		US -5,811,500	09-22-1998	Dubois, et al.	
		US -5,854,364	12-29-1998	Senninger, et al./	
		US -6,293,037	09-25-2001	Spada, et al.	
		US -2005/064181	03-24-2005	Blank, et al.	
		US -5,919,871	07-06-1999	Nicol, et al.	
		US -2004/171777	09-02-2004	Le, et al.	
		US -6,281,311	08-28-2001	Lai, et al.	

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		WO 98/01478	01-15-1998	Le, et al.		*18
		WO 98/13392	04-02-1998	Vertommen, et al.		*
		WO 98/44008	10-08-1998	Lai, et al.		*19
		WO 99/31144	06-24-1999	Chiefair, et al.		*20

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| *3  | US 2003/012945                 |
| *4  | US 2003/113533                 |
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| *15 | US 2005/064181                 |
| *16 | English language translation   |
| *17 | US 5,919,871                   |
| *18 | US 2004/171777                 |
| *19 | US 6,281,311                   |
| *20 | US 6,642,318                   |

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